



Advanced laser technologies

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*We design and
manufacture
advanced
lasers & laser
systems.*



Indre A
– Laser Engineer,
Masters Degree in Physics,
*assembling a laser at
Ekspla manufacturing premises*

Our story



1992

*Started
in a
garage*

*Received
photonics
"Oscar"*
2010



*Company founders with
their first laser, later sold to
a photonics lab in Japan.*

*Dedication and innovation helped us win
recognition in photonics community and their most
prestigious Prism Award (Scientific lasers category).*

135 *employees*



21 *PhDs*

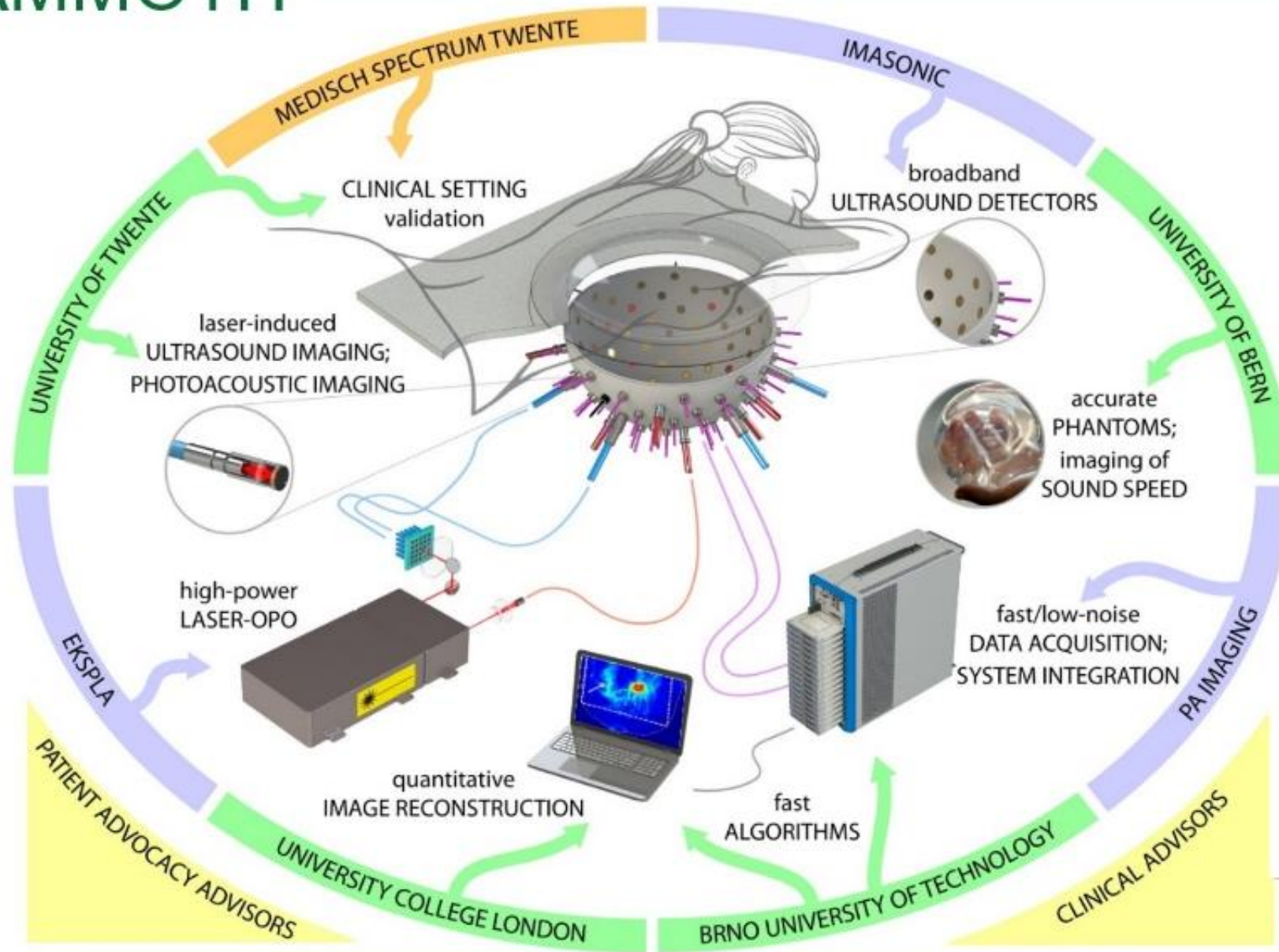
Our mission

To create and manufacture reliable state of the art laser systems for customers who are expanding frontiers of technological progress in industry and science.



Improving life quality

PAMMOTH

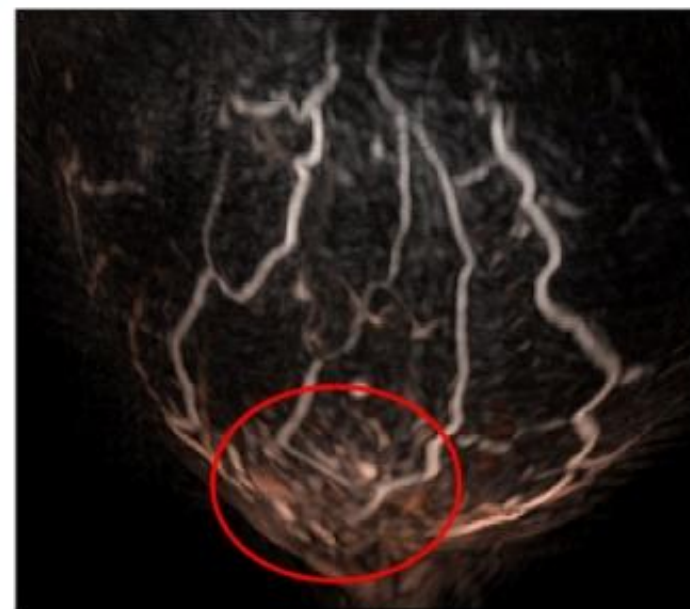
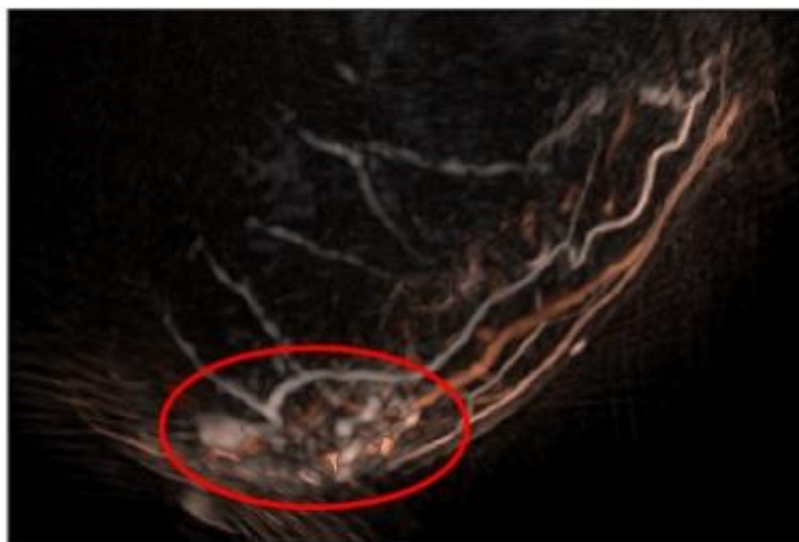
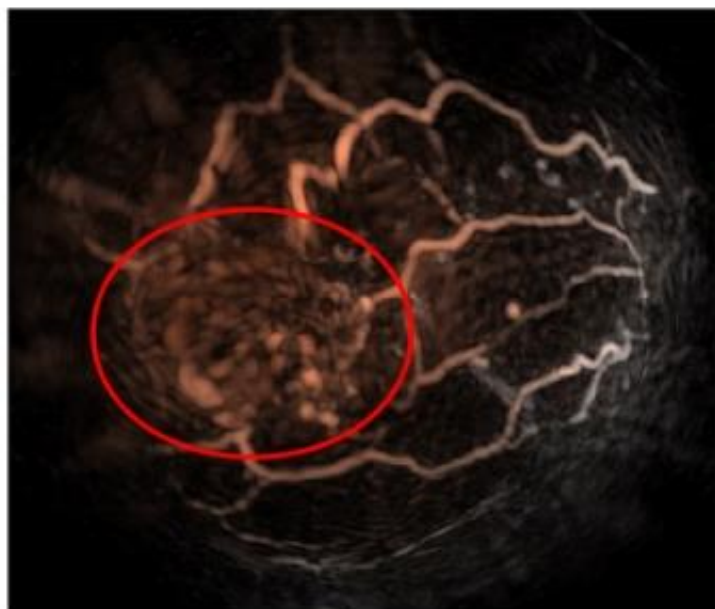




Courtesy of PA Imaging R&D B.V.



A breast scan of a 78 year-old patient



Courtesy of PA Imaging R&D B.V.

Resolution – 0.35 mm
Depth – 45 mm
Number of measurements - 60 mln
Measurement time – 160 sec

Reducing environmental impact





SYLOS3

15 TW

1 kHz





SYLOS3

15 TW

1 kHz



SYLOS could solve the nuclear waste disposal problem

Continuous innovation

FemtoLux 30

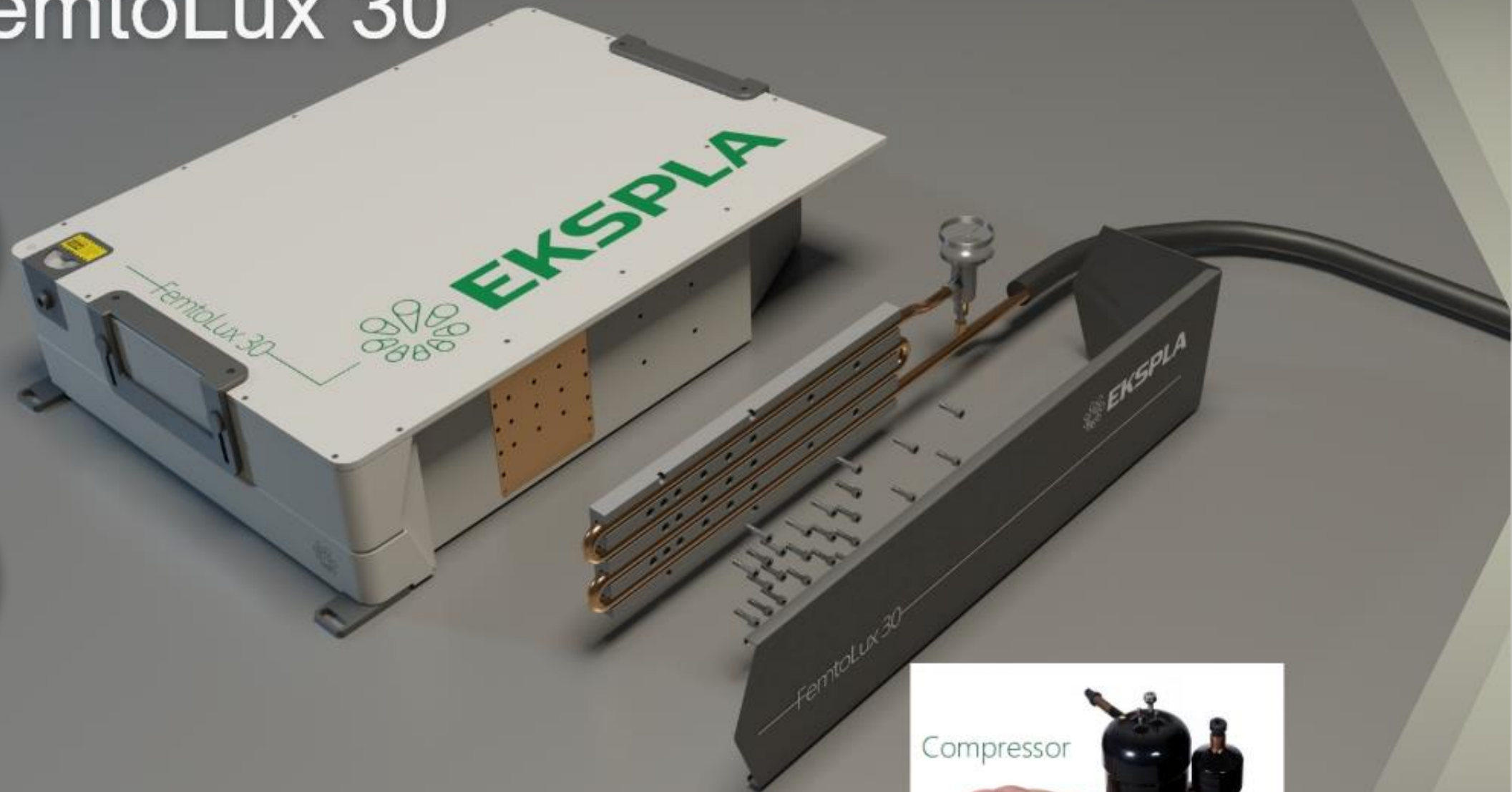


No water pump



No water reservoir

Direct Refrigerant Cooling



Compressor

Courtesy of Aspen Systems Inc.

*Advanced laser
technologies*

